

VISION-BASED OBSTACLE AVOIDANCE

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VISION-BASED OBSTACLE AVOIDANCE

RELATED APPLICATIONS

This application claims the benefit of Provisional Application No. 60/424,596 filed on November 11, 2002 for applicant John Galbraith.

STATEMENT REGARDING FEDERAL RIGHTS

5 This invention was made with government support under Contract No. W-7405-ENG-36 awarded by the U.S. Department of Energy. The government has certain rights in the invention.

REFERENCE TO COMPUTER PROGRAM LISTING APPENDIX

This application includes a computer program listing appendix submitted in
 10 duplicate on two compact discs, CD-R. The computer program listing for practicing the invention is incorporated herein in its entirety by reference. The following files reside on the compact discs:

	<u>Name</u>	<u>Size</u>	<u>Date</u>	
	AdelsonBergen.cc	26,845 kb	10/8/2002	2:40 PM
15	Camera.cc	9,151 kb	5/11/2002	2:21 PM
	CollisionServer.cc	4,913 kb	10/10/2002	3:46 PM
	Element.cc	1,672 kb	9/26/2002	11:28 PM
	Initializer.cc	8,474 kb	10/9/2002	12:42 PM
	MotionServer.cc	8,878 kb	10/10/2002	12:09 PM
20	MpegDecoder.cc	1,674 kb	4/15/2002	4:52 PM
	OpticFlowServer.cc	14,091 kb	8/20/2002	12:18 PM
	OverheadServer.cc	8,516 kb	10/14/2002	1:35 PM
	PyServer.cc	36,626 kb	9/26/2002	11:06 PM
	RotationServer.cc	5,039 kb	10/27/2002	5:49 PM
25	Server-templates.cc	3,874 kb	5/23/2002	3:53 PM
	Server.cc	44,314 kb	10/8/2002	4:07 PM
	TranslationColumn.cc	13,515 kb	9/28/2002	1:04 PM
	TranslationInitializer.cc	1,420 kb	5/10/2002	1:40 PM
	TranslationServer.cc	6,440 kb	10/9/2002	9:53 PM
30	Variable.cc	6,911 kb	9/26/2002	11:09 PM

	<u>Name</u>	<u>Size</u>	<u>Date</u>	
	VelocityColumn.cc	13,665 kb	10/8/2002	11:35 PM
	VelocityColumn.compute.cc	4,173 kb	10/31/2002	1:33 PM
	VelocityInitializer.cc	2,053 kb	8/23/2002	2:59 PM
5	VelocityServer.cc	8,318 kb	10/8/2002	7:45 PM
	futaba.cc	2,928 kb	5/16/2002	3:08 PM
	global.cc	588 kb	9/26/2002	11:40 PM
	stringUtils.cc	3,596 kb	5/23/2002	4:46 PM
	ControlServer.py	7,545 kb	10/14/2002	12:36 PM
10	DisplayMixin.py	8,017 kb	10/10/2002	4:43 PM
	DisplayServer.py	1,067 kb	5/18/2002	3:36 PM
	InitializerServer.py	39,712 kb	12/8/2002	1:34 PM
	Locomotor.py	3,856 kb	10/14/2002	3:38 PM
	PatternStimulus.py	21,254 kb	9/26/2002	10:57 PM
15	Server.py	20,218 kb	3/25/2002	5:03 PM
	StimulusServer.py	5,865 kb	10/11/2002	12:13 PM
	Variable.py	5,016 kb	4/11/2002	8:23 PM
	VideoStimulus.py	5,716 kb	10/8/2002	7:50 PM
	futaba.py	1,739 kb	10/7/2002	11:43 PM
20	stimulus.py	4,187 kb	9/26/2002	10:38 PM
	video.py	5,106 kb	9/26/2002	10:54 PM
	AdelsonBergen.h	3,394 kb	10/6/2002	9:06 PM
	Camera.h	2,598 kb	7/8/2002	2:24 PM
	ComputeAtom.h	541 kb	4/25/2002	2:40 PM
25	Element.h	5,395 kb	9/26/2002	11:28 PM
	Initializer.h	1,957 kb	5/23/2002	10:48 PM
	MpegDecoder.h	932 kb	5/11/2002	2:17 PM
	Retina.h	1,232 kb	4/22/2002	2:47 PM
	Server.h	6,756 kb	9/26/2002	11:38 PM
30	Timer.h	2,902 kb	5/24/2002	8:54 PM
	TranslationColumn.h	3,158 kb	8/19/2002	2:06 PM
	Variable.h	7,146 kb	9/26/2002	10:17 PM
	VelocityColumn.h	3,419 kb	10/8/2002	9:39 PM
	futaba.h	451 kb	5/16/2002	2:04 PM
35	global.h	1,002 kb	9/26/2002	11:11 PM
	StringUtils.h	1,418 kb	5/23/2002	4:45 PM
	futaba.i	623 kb	9/26/2002	8:36 PM
	mylib.i	6,956 kb	9/26/2002	8:45 PM
	stimulus.i	13,860 kb	9/25/2002	3:29 PM
40	video.i	9,670 kb	9/26/2002	10:54 PM
	vision.i	47 kb	9/25/2002	3:29 PM
	Makefile	5,281 kb	10/7/2002	11:22 PM
	TranslationInitializer.sh	120 kb	5/10/2002	1:41 PM
	VelocityInitializer.sh	139 kb	6/2/2002	3:04 PM

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